

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5208

Name: Mobil Oil Corporation

Address P.O. Box 2173
2319 North Kansas Avenue

City/State/Zip Liberal, KS 67905-2173

Purchaser: Spot Market

Operator Contact Person: Sharon Cook

Phone (316) 626-1142

Contractor: Name: Best Well Service

License: _____

Wellsite Geologist: L. J. Reimer

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Mobil Oil Corporation

Well Name: White #1-C Unit Well #2

Comp. Date 8-31-87 Old Total Depth 6370

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back 2900 PBD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

2-28-96 3-29-96
Spud Date Date Reached TD Completion Date
Commenced Recompletion

API NO. 15- 189-210980001

County Stevens

- - NW - NW Sec. 19 Twp. 32S Rge. 35 X E

644 Feet from S/N (circle one) Line of Section

608 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NP or SW (circle one)

Lease Name White #1-C Unit Well # 2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3027 KB 3036

Total Depth 6370 PBD 2900

Amount of Surface Pipe Set and Cemented at 1771 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set NA Feet

If Alternate II completion, cement circulated from NA

feet depth to NA w/ NA sx cmt.

Drilling Fluid Management Plan REWORK 2X 11-8-96
(Data must be collected from the Reserve Pit)

Chloride content NA ppm Fluid volume NA bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite:

RECEIVED

KANSAS CORPORATION COMMISSION
Operator Name NA

Lease Name 12 1996 License No. _____

Quarter 1 Sec. 2 Twp. 32S Rng. 35 E/W

CONSERVATION DIVISION
County WICHITA, KS Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Sharon A. Cook Sharon A. Cook

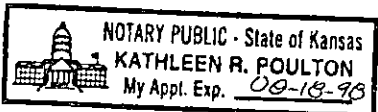
Title Regulatory Asst. Date 6-11-96

Subscribed and sworn to before me this 11th day of June, 19 96.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998
6-130 .kcc

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)



Operator Name Mobil Oil Corporation Lease Name White #1-C Unit Well # 2
 Sec. 19 Twp. 32S Rge. 35 East West
 County Stevens

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	NO CHANGE	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
List All E.Logs Run:	NO CHANGE		

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
NO CHANGE							

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	5925	Class C	2 sx	
<input checked="" type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	2900	Class C	2 sx	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
1 SPF	2638-44		Acid: 1,000 gals 7.5% HCL	
	2660-75		Fraccd: 739 bbls 20# Crosslink gel	
	2714-24	CIBP @ 2900	140,300 lbs 12/20 Brady Sand	
	2772-92	CIBP @ 5925		

TUBING RECORD Removed	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 3-13-96	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		96		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Conmingled

Production Interval: _____ 2638 → _____ 2792

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL HISTORY

Operator: License # 5208
Name MOBIL OIL CORPORATION
Address P.O. BOX 5444
City/State/Zip DENVER, COLORADO 80217

Purchaser PERMIAN CORPORATION
9810 E. 42ND, STE. 233
TULSA, OK 74145

Operator Contact Person B. R. MAYNARD
Phone (303) 298-2069

Contractor: License # 5382
Name CHEYENNE DRILLING INC.

Wellsite Geologist D.P. DU 8015
Phone (303) 298-3742

Designate Type of Completion
 New Re-Entry Workover
 Oil SMD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWM: old well info as follows;
Operator _____
Well Name _____
Comp. Date _____

WELL HISTORY

Drilling Methods:
 Mud Rotary Air Rotary Cable
8-7-87 8-14-87 8-31-87
Spud Date Date Reached TD Completion Date
6370' 6313'
Total Depth PBTB

Amount of Surface Pipe Set and Cemented at 1771 feet
Multiple Stage Cementing Collar Used? Yes 3268' feet
If yes, show depth set _____ feet
If alternate 2 completion, cement circulated from _____ feet depth to _____ w/ _____ SX cnt
Cement Company Name _____
Invoice # _____

RECEIVED

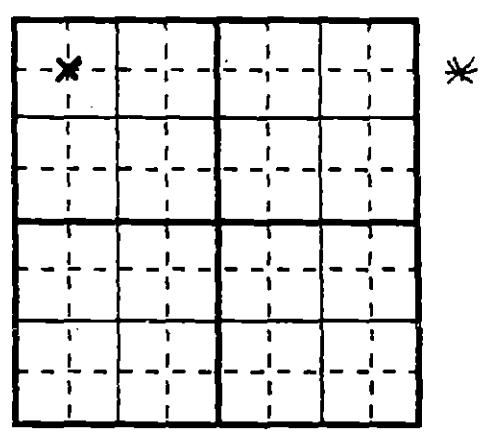
JUN 12 1996

CONSERVATION DIVISION
WICHITA, KS

API No. 15- 189-21098
COUNTY STEVENS
NW NW Sec 19 Twp 32S Rge 35 X East West
4620 Ft North from Southeast Corner of Section
4620 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name WHITE 1-C UNIT WELL # 2
Field Name HITCH CATTLE
Producing Formation UPPER MORROW
Elevation: Ground 3027' KB 3039'

SECTION PLAT



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # D-25119

Questions on this portion of ACO-1 call:
Water Resources Board (913) 296-3717

Source of Waters:
Division of Water Resources Permit# T87-311

Groundwater 4620 Ft. North from Southeast Corner (well) 4620 Ft. West from Southeast Corner of Sec 19 Twp 32S Rge 35 East West

Surface Water _____ Ft. North from Southeast Corner (Stream, pond etc) _____ Ft. West from Southeast Corner Sec _____ Twp _____ Rge _____ East West

Other (explain) _____
(purchased from city, R.N.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107, and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit cp-4 form with all plugged wells. Submit cp-111 from with all temporarily abandoned wells.

All requirements of statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature B. R. Maynard B. R. MAYNARD
Title REGULATORY COMPLIANCE MANAGER Date 7/2/88

Subscribed and sworn to before me this 21 day of July 19 88
Notary Public Donna J. Skinner
Date Commission Expires June 8, 1990

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
KCC SMD/Rep NGPA
KGS Plug Other (Specify)

Operator Name MOBIL OIL CORPORATION Lease Name WHITE 1-C UNIT Well # 2

Sec 19 Twp 32S Rge 35 1 East
1 West County STEVENS

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample																																													
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		<table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr><td>CHASE</td><td>2680'</td><td></td></tr> <tr><td>COUNCIL GROVE</td><td>2940'</td><td></td></tr> <tr><td>ADMIRE</td><td>3189'</td><td></td></tr> <tr><td>WABAUNSEE</td><td>3334'</td><td></td></tr> <tr><td>SHANNEE</td><td>3732'</td><td></td></tr> <tr><td>HEEBNER</td><td>4113'</td><td></td></tr> <tr><td>LANSING</td><td>4218'</td><td></td></tr> <tr><td>KANSAS CITY</td><td>4482'</td><td></td></tr> <tr><td>MARMATON</td><td>4940'</td><td></td></tr> <tr><td>CHEROKEE</td><td>5182'</td><td></td></tr> <tr><td>MORROW</td><td>5637'</td><td></td></tr> <tr><td>LOWER MORROW</td><td>5898'</td><td></td></tr> <tr><td>CHESTER</td><td>6010'</td><td></td></tr> <tr><td>STE. GENEVIEVE</td><td>6232'</td><td></td></tr> </tbody> </table>	Name	Top	Bottom	CHASE	2680'		COUNCIL GROVE	2940'		ADMIRE	3189'		WABAUNSEE	3334'		SHANNEE	3732'		HEEBNER	4113'		LANSING	4218'		KANSAS CITY	4482'		MARMATON	4940'		CHEROKEE	5182'		MORROW	5637'		LOWER MORROW	5898'		CHESTER	6010'		STE. GENEVIEVE	6232'	
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CASING RECORD							
<input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in. O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	240	1771'	CL C	650 SX	65:35:6 POZ/6EL+2ZCACL ₂
					CL C	180 SX	+3Z CACL ₂
Production	7-7/8"	5-1/2"	140	6370'	CL H	290 SX	50:50 POZ +2Z GEL
					CL H	230 SX	50:50 POZ+2ZGEL+2ZCACL ₂
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated						Depth
4 SPF	5980'-5989'			ACIDIZED W/1000 GALS 7.5% FE ACID			5980'-
4 SPF	5994'-6010'			FRAC W/42,950 GALS 600 FOAM & 66,000# 20-40 SAND			6010' OA
TUBING RECORD Size 2-7/8" Set At 5909' Packer At 5925'				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)						
4-1-88							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	17 Bbls	72 RCF	37 Bbls	4,235 CFPB	42		

*
*

Disposition of gas: Vented Sold Used on Lease

METHOD OF COMPLETION: Open Hole Perforation Other (Specify) _____

Production Interval: 5980'-6010' O.A.

Dually Completed Coningled